

L Number	Hits	Search Text	DB	Time stamp
-	755	438/464,977.ccls.	USPAT; US-PGPUB	2003/05/30 22:46
-	4020	438/613-617.ccls. 257/737,738.ccls. 228/180.22	USPAT; US-PGPUB	2003/05/30 22:46
-	17	438/464,977.ccls. and (438/613-617.ccls. 257/737,738.ccls. 228/180.22)	USPAT; US-PGPUB	2003/05/30 22:58
-	209161	mold	USPAT; US-PGPUB	2003/05/30 22:58
-	133165	lining liner	USPAT; US-PGPUB	2003/05/30 22:58
-	451	mold adj (lining liner)	USPAT; US-PGPUB	2003/05/30 22:58
-	3909	438/?ccls. 257/?ccls. 264/272.17	USPAT; US-PGPUB	2003/05/30 22:59
-	0	(mold adj (lining liner)) and (438/?ccls. 257/?ccls. 264/272.17)	USPAT; US-PGPUB	2003/05/30 22:59
-	485812	semiconductor integrated adj circuit ic	USPAT; US-PGPUB	2003/05/30 23:00
-	7	(mold adj (lining liner)) and (semiconductor integrated adj circuit ic)	USPAT; US-PGPUB	2003/05/30 23:04
-	9057	release! adj (film layer)	USPAT; US-PGPUB	2003/05/30 23:04
-	32	(438/613-617.ccls. 257/737,738.ccls. 228/180.22) and (release! adj (film layer))	USPAT; US-PGPUB	2003/05/30 23:28
-	7	("5045914" "5765744" "5872051" "6074896" "6088914" "6096574" "6121689").PN.	USPAT	2003/05/30 23:08
-	8	6245595.URPN.	USPAT	2003/05/30 23:12
-	12	("4724613" "5496775" "5672393" "5888850" "5933713" "6063828" "6100114" "6168972" "6172141" "6245595" "6248614" "6255142").PN.	USPAT	2003/05/30 23:13
-	9	("4807021" "5071787" "5462636" "5496775" "5593927" "5639695" "5672542" "5683942" "5703406").PN.	USPAT	2003/05/30 23:15
-	1	5933713.URPN.	USPAT	2003/05/30 23:16
-	10	("4807021" "5071787" "5462636" "5496775" "5593927" "5639695" "5672542" "5683942" "5703406" "5933713").PN.	USPAT	2003/05/30 23:20
-	12	("4724613" "5496775" "5672393" "5888850" "5933713" "6063828" "6100114" "6168972" "6172141" "6245595" "6248614" "6255142").PN.	USPAT	2003/05/30 23:22
-	7	("5864174" "6075290" "6093972" "6133634" "6157086" "6204095" "6245595").PN.	USPAT	2003/05/30 23:23
-	8	("5089440" "5218759" "5285352" "5302849" "5371404" "5659203" "5864178" "5900581").PN.	USPAT	2003/05/30 23:24

10	("3688396" "4460537" "4514752" "4711688" "4812421" "4822550" "4843036" "4927580" "4942140" "4997355").PN.	USPAT	2003/05/30 23:26
24026	(ball bump) with wall	USPAT; US-PGPUB	2003/05/30 23:29
1443	((ball bump) with wall) and (semiconductor integrated adj circuit ic)	USPAT; US-PGPUB	2003/05/30 23:29
11782	(ball bump) near5 wall	USPAT; US-PGPUB	2003/05/30 23:29
697	((ball bump) near5 wall) and (semiconductor integrated adj circuit ic)	USPAT; US-PGPUB	2003/05/30 23:29
166	mold with ((ball bump) with wall)	USPAT; US-PGPUB	2003/05/30 23:30
23	(mold with ((ball bump) with wall)) and (semiconductor integrated adj circuit ic)	USPAT; US-PGPUB	2003/05/30 23:30
5	((mold with ((ball bump) with wall)) and (semiconductor integrated adj circuit ic))	USPAT; US-PGPUB	2003/05/31 13:31
	not (@ad>19960711 @rlad>19960711)		
11	("5019673" "5120678" "5274913" "5461197" "5468995" "5483421" "5554887" "5641113" "5656863" "5666008" "5731631").PN.	USPAT	2003/05/30 23:32
6	("4472730" "5128746" "5321303" "5327013" "5331235" "5373190").PN.	USPAT	2003/05/31 13:22
1		USPAT	2003/05/31 13:29
5	("3380155" "4871921" "5461197" "5471096" "5550408").PN.	USPAT	2003/05/31 13:29
17	"4131413" "6112463"	USPAT; US-PGPUB	2003/05/31 13:32
6	"4131413" "6112463"	EPO; JPO; DERWENT	2003/05/31 13:35
5	("3380155" "4871921" "5461197" "5471096" "5550408").PN.	USPAT	2003/05/31 13:35
0	("4131413" "6112463").PN.	EPO; JPO; DERWENT	2003/05/31 13:35
3	((("4131413") or ("6112463"))).PN.	EPO; JPO; DERWENT	2003/05/31 13:36
1	("6112463").PN.	EPO; JPO; DERWENT	2003/05/31 13:37
2	"06112463"	JPO; DERWENT	2003/05/31 13:41
6	("4472730" "5128746" "5321303" "5327013" "5331235" "5373190").PN.	USPAT	2003/05/31 13:38
8	"01179334" "03104141" "04139848" "04207046"	JPO; DERWENT	2003/05/31 13:49
4	("3959874" "4620215" "4764804" "5019673").PN.	USPAT	2003/05/31 13:47

-	601008	bump ball	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/31 13:49
-	160643	encapsul\$	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/31 13:49
-	1643947	semiconductor integrated adj circuit ic	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/31 13:49
-	2636	(bump ball) with encapsul\$	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/31 13:50
-	1839	(semiconductor integrated adj circuit ic) and ((bump ball) with encapsul\$)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/31 13:50
-	1206451	@ad>19960711 @rlad>19960711	USPAT; US-PGPUB	2003/05/31 13:50
-	252	((semiconductor integrated adj circuit ic) and ((bump ball) with encapsul\$)) not (@ad>19960711 @rlad>19960711)	USPAT; US-PGPUB	2003/05/31 14:19
-	11	("5019673" "5120678" "5274913" "5461197" "5468995" "5483421" "5554887" "5641113" "5656863" "5666008" "5731631").PN.	USPAT	2003/05/31 13:52
-	13	("4069000" "5244838" "5293072" "5635755" "5656863" "5783461" "5847455" "5893724" "5923954" "5925934" "5930603" "5982026" "5989935").PN.	USPAT	2003/05/31 13:53
-	6	("3719981" "5219117" "5381848" "5607099" "5643831" "5829668").PN.	USPAT	2003/05/31 13:55
-	17	5930603.URPN.	USPAT	2003/05/31 13:56
-	32	("3723977" "3746934" "4851695" "4956694" "5128831" "5198888" "5201451" "5231304" "5239447" "5269453" "5282565" "5284796" "5311401" "5313096" "5324569" "5328087" "5373189" "5384689" "5454160" "5514907" "5607538" "5612570" "5700715" "5712767" "5731633" "5759046" "5818106" "5869353" "5869896" "5930603" "5950304" "6057381").PN.	USPAT	2003/05/31 14:02
-	4	("4888307" "5355283" "5427938" "5498902").PN.	USPAT	2003/05/31 14:04
-	8	("5455462" "5883430" "5909056" "5989940" "6046077" "6069023" "6104093" "6127724").PN.	USPAT	2003/05/31 14:06

7	("5864174" "6075290" "6093972" "6133634" "6157086" "6204095" "6245595").PN.	USPAT	2003/05/31 14:09
10	("4807021" "5071787" "5462636" "5496775" "5593927" "5639695" "5672542" "5683942" "5703406" "5933713").PN.	USPAT	2003/05/31 14:09
18	("3373481" "4566184" "4581680" "4764848" "4871317" "4955523" "5203075" "5414298" "5474957" "5476211" "5519936" "5525545" "5772451" "5794330" "5801441" "5805426" "5808875" "5893765").PN.	USPAT	2003/05/31 14:12
209161	mold	USPAT; US-PGPUB	2003/05/31 14:20
533	mold and ((semiconductor integrated adj circuit ic) and ((bump ball) with encapsul\$))	USPAT; US-PGPUB	2003/05/31 14:20
72	(mold and ((semiconductor integrated adj circuit ic) and ((bump ball) with encapsul\$))) not (@ad>19960711 @rlad>19960711)	USPAT; US-PGPUB	2003/05/31 14:38
8	("5285352" "5355283" "5371404" "5394009" "5450283" "5461197" "5554887" "5619070").PN.	USPAT	2003/05/31 14:24
11	("4604644" "4825284" "4970575" "4987100" "5107325" "5177669" "5222014" "5239198" "5249101" "5291062" "5311402").PN.	USPAT	2003/05/31 14:25
5	("5216278" "5293072" "5293092" "5557150" "5612576").PN.	USPAT	2003/05/31 14:27
2	("3959874" "4994902").PN.	USPAT	2003/05/31 14:27
12	("5082615" "5203076" "5218234" "5244838" "5275546" "5381599" "5385869" "5450283" "5512232" "5570272" "5589714" "5609889").PN.	USPAT	2003/05/31 14:31
17	("4139399" "4480975" "4632798" "4701830" "4756392" "4788583" "4925266" "4965227" "4983713" "4994895" "5085913" "5087479" "5186383" "5219502" "5219795" "5223344" "5251679").PN.	USPAT	2003/05/31 14:33
6	("3868724" "4246595" "4573067" "4721995" "5157478" "5349239").PN.	USPAT	2003/05/31 14:35
3562	mold with (bump ball)	USPAT; US-PGPUB	2003/05/31 14:39
616	(mold with (bump ball)) and (semiconductor integrated adj circuit ic)	USPAT; US-PGPUB	2003/05/31 14:39
150	((mold with (bump ball)) and (semiconductor integrated adj circuit ic)) not (@ad>19960711 @rlad>19960711)	USPAT; US-PGPUB	2003/05/31 14:40

-	131	((mold with (bump ball)) and (semiconductor integrated adj circuit ic)) not (@ad>19960711 @rlad>19960711)) not ((mold and ((semiconductor integrated adj circuit ic) and ((bump ball) with encapsul\$))) not (@ad>19960711 @rlad>19960711))	USPAT; US-PGPUB	2003/05/31 15:52
-	3	("4604644" "4974057" "5283446").PN.	USPAT	2003/05/31 14:45
-	11	5444301.URPN.	USPAT	2003/05/31 14:45
-	12	("4849857" "4908736" "5302849" "5444301" "5567656" "5583375" "5710064" "5767571" "5770888" "5801439" "5821615" "5849608").PN.	USPAT	2003/05/31 14:46
-	10	("3689991" "4874722" "5106784" "5233220" "5326932" "5362370" "5363279" "5428248" "5444301" "5471088").PN.	USPAT	2003/05/31 14:48
-	3	("4744008" "4893174" "4926241").PN.	USPAT	2003/05/31 15:50
-	4020	438/613-617.ccls. 257/737,738.ccls. 228/180.22	USPAT; US-PGPUB	2003/05/31 15:53
-	569	(438/613-617.ccls. 257/737,738.ccls. 228/180.22) and mold	USPAT; US-PGPUB	2003/05/31 15:53
-	106	((438/613-617.ccls. 257/737,738.ccls. 228/180.22) and mold) not (@ad>19960711 @rlad>19960711)	USPAT; US-PGPUB	2003/05/31 16:49
-	1	"4704369".PN.	USPAT	2003/05/31 15:59
-	1	"4704369".PN.	USPAT	2003/05/31 15:59
-	38	5139969.URPN.	USPAT	2003/05/31 15:59

91	("2921550" "3401369" "3436604" "3534470" "3614546" "3675299" "3713893" "3739462" "3746934" "4103318" "4139726" "4158745" "4222516" "4241493" "4288841" "4321418" "4437235" "4451973" "4501960" "4521828" "4525921" "4530152" "4630172" "4633573" "4665614" "4680617" "4684975" "4722060" "4733461" "4763188" "4780087" "4796078" "4821148" "4823234" "4829403" "4833568" "4839717" "4855868" "4862245" "4862249" "4878106" "4884237" "4888307" "4891789" "4922324" "4948645" "4953005" "4953060" "4956694" "4994411" "4997517" "5014113" "5016138" "5041015" "5049527" "5057906" "5065277" "5086018" "5089876" "5099393" "5105530" "5108553" "5130889" "5138430" "5138434" "5139969" "5147822" "5151559" "5155068" "5198888" "5200362" "5214845" "5216283" "5223739" "5247423" "5264990" "5266834" "5279029" "5281852" "5343075" "5367766" "5377077" "5420751" "5446620" "5475920" "5499160" "5543664" "5550711" "5561591" "5566051" "5835988").PN.	USPAT	2003/05/31 16:02
2	("3689336" "3739462").PN.	USPAT	2003/05/31 16:10
2	("3689336" "3739462").PN.	USPAT	2003/05/31 16:11
69	4530152.URPN.	USPAT	2003/05/31 16:11
18	("4530152" "5122860" "5157480" "5200362" "5273938" "5436203" "5468999" "5487999" "5557150" "5608265" "5835988" "5844315" "5894108" "5976912" "6072239" "6166430" "6187614" "6191494").PN.	USPAT	2003/05/31 16:16
7	("3748543" "3878555" "4376287" "4688150" "5381039" "5467252" "5579207").PN.	USPAT	2003/05/31 16:18
4	("4530152" "4685998" "5976912" "6001671").PN.	USPAT	2003/05/31 16:19
17	("3903590" "4466181" "4783695" "4835704" "4878991" "4933042" "5019946" "5048179" "5091769" "5108825" "5139969" "5144747" "5151776" "5154793" "5155068" "5161093" "5255431").PN.	USPAT	2003/05/31 16:24

-	78	5353498.URPN.	USPAT	2003/05/31 16:24
-	14	("3212160" "4600600" "4899107" "5019535" "5071787" "5143865" "5207585" "5225023" "5289346" "5341564" "5348607" "5496775" "5567656" "5663106").PN.	USPAT	2003/05/31 16:28
-	97	"55121662" "58048947" "61220346" "63055963" "0258050" "63308329" "0106449" "0049460"	JPO; DERWENT	2003/05/31 16:55
-	5	"7606781"	JPO; DERWENT	2003/05/31 16:56
-	5	("7606781").PN.	EPO; DERWENT	2003/05/31 16:56
-	0	"7606781"	EPO	2003/05/31 16:57
-	0	"07606781"	EPO	2003/05/31 16:57
-	14	(US-5656863-\$ or US-5554887-\$ or US-5930603-\$ or US-6069408-\$ or US-5772451-\$ or US-5969426-\$ or US-5668404-\$ or US-5444301-\$ or US-5139969-\$ or US-4530152-\$ or US-6294830-\$ or US-5824569-\$ or US-5496775-\$ or US-5766972-\$).did.	USPAT	2003/05/31 16:58